

SWALLOW.

A NEW ALMANACK

for the Year of our

LORD GOD

1700.

Being the Bissextile or Leap-Year
and from the Worlds Creation,
5702.

Calculated properly for the famous
University and Town of Cambridge, where
the North-Pole is elevated 52 degr.
12 min. above the Horizon.

And may serve indifferently for any other
place of this Kingdom.

Omnia false metit tempus.

CAMBRIDGE,
Printed by John Hayes, Printer to
the University, 1700.

**The vulgar Notes and moveable Feasts for this
Year 1700, in both Accounts, viz.**

**Julian or
English.**

**Gregorian or
Foreign.**

	10	The Golden Number	10	
	6	The Dominical Letters	6	
	20	The Epact	11	
	1	The Cycle of the Sun	1	
Febr.	11	Shrove-sunday	Febr.	7
March	31	Easter-day	March	28
May	9	Ascension-day	May	6
May	19	Whit-sunday	May	16
Decemb.	1	Advent-sunday	Novemb.	28

The Anatomy of Man's Body.



♈ Aries Head and Face	♎ Libra Reins and Loyns
♉ Taurus Neck and Throat	♏ Scorpio Secret Members
♊ Gemini Arms and Should.	♐ Sagittarius the Thighs
♋ Cancer Breast and Stomach	♑ Capricornus the Knees
♌ Leo Heart and Back	♒ Aquarius the Legs
♍ Virgo Bowels and Belly	♓ Pisces the Feet.

A

A Table of the Terms with their Returns.

Hilary Term begins Janu-
ry 23, and ends February 12,
and hath 4 returns, viz.

O ^o ab. Hilar.	Jan.	20
Quind. Hilar.	Jan.	27
Craft. Purif.	Febr.	3
O ^o ab. Purif.	Febr.	10

Easter Term begins April
17, ends May 13 and hath 5
returns, viz.

Quind. Pasch.	April	15
Tres Pasch.	April	22
Mens. Pasch.	April	29
Quinq. Pasch.	May	6
Craft. Ascen.	May	10

Trinity Term begins May
31, and ends June 19, and hath
4 returns, viz.

Craft. Trin.	May	27
O ^o ab. Trin.	June	3
Quind. Trin.	June	10
Tres Trin	June	17

Michaelmas Term begins
October 23, and ends Novem-
ber the 28, and hath 6 re-
turns, viz.

Tres Mich.	O ^o ab.	21
Mens. Mich.	O ^o ab.	28
Craft. Anni.	Novem.	4
Craft. Mart.	Novem.	12
O ^o ab. Mart.	Novem.	18
Quind. Mart.	Novem.	26

Times prohibiting Marriage.

Marriage comes in on the 13 day of January, and at
Septuagesima Sunday it is out again until Low-
sunday; at which time it comes in again, and goes not out
till Rogation-sunday: thence it is forbidden until Trini-
ty-sunday, from whence it is unforbidden till Advent-
sunday: but then it goes out, and comes not in again till
the 13 day of January next following.

Note that the Exchequer openeth 8 days before any
Term begins except the Term of Trinity, in which it
peneth but 4 days before.

January hath xxxi days.

Last quarter the 2 day, 27 min. past 3 in the morning.
 New moon the 10 day, 26 min. past 4 in the morning.
 First quarter the 18 day, 3 min. past 2 in the morning.
 Full moon the 24 day, 4 min. past 9 at night.
 Last quarter the 31 day, 14 min. past 7 at night.

1	a	Circumcision	21	43	Libra	13	
2	b	Octab. Steph.	22	44		26	
3	c	Octab. John.	23	45	Scorp.	9	Windy with
4	d	Octab. Innoc.	24	46		22	Some rain
5	e	Simeon	25	47	Sagit.	4	or snow.
6	f	Epiphany	26	49		16	
7	g	1 after Epiph.	27	50		28	
8	a	Stephen	28	51	Capr.	10	
9	b	Marcellus	29	52		22	
10	c	Jan in Aquar.	30	53	Aquar.	4	
11	d	Agginius	1	40		16	Good sea-
12	e	Catyrina	2	41		27	sonable
13	f	Milary B.	3	42	Pisces	10	weather.
14	g	2 after Epiph.	4	43		22	
15	a	Marcellus	5	44	Aries	4	
16	b	Marcellus	6	45		16	
17	c	Bathony	7	46		29	
18	d	Thrice	8	47	Taur.	12	
19	e	Dontian	9	48		26	Cold, with
20	f	Octab. Hillar.	10	49	Gem.	10	frost.
21	g	3 after Epiph.	11	50		24	
22	a	Wincent	12	51	Canc.	9	
23	b	Term begins	13	52		24	
24	c	Timothy	14	53	Leo	9	
25	d	Conv. S. Paul	15	54		24	
26	e	Bolcaro	16	55	Virgo	9	
27	f	Quind. Hillar.	17	56		24	Dark and
28	g	Septuagesima	18	57	Libra	8	gloomy weath.
29	a	Valerius	19	58		22	and very cold.
30	b	Reyn. F. Hillar.	20	59	Scorp.	5	
31	c	Cyrilcus	21	58		18	

February hath xxix days.

New moon the 8 day, 31 min. past 11 at night.

First quarter the 16 day, 9 min. past 5 at night.

Full moon the 23 day, 11 min. past 7 in the morning.

D.	M.	Festival days with terms.	☉ place		Moons place.	Inclination of the air.
			d.	m.		
1	D	Bridget	22	59	Sagit.	1
2	E	Purif. V. M.	23	59		13
3	E	Craft. Purif.	25	0		25
4	D	Sexagesima	26	1	Capr.	7
5	A	Agatha	27	1		19
6	B	Dorothea	28	2	Aquar.	1
7	C	Zachary	29	2		12
8	D	Sun in Pisces	OX	3		24
9	E	Agallas	1	3	Pisces	7
10	E	Octab. Purif.	2	4		19
11	D	Shrove sunday	3	4	Aries	1
12	A	Term ends	4	4		13
13	D	Custace	5	5		26
14	E	Val. & Ash-wed.	6	5	Taur.	9
15	D	Janstin	7	5		22
16	E	Juliana	8	5	Gem.	5
17	E	Disseverus	9	6		19
18	D	Quadragesima.	10	6	Canc.	3
19	A	Roslin	11	6		18
20	B	Phoebus	12	6	Leo	2
21	E	Ember week	13	6		17
22	D	Esales	14	6	Virgo	2
23	E	Cath. Pet.	15	6		17
24	E	S. Matthias	16	6	Libra	2
25	E	2 Sun. in Lent	17	6		16
26	B	Simson B.	18	6	Scorp.	0
27	D	Petior	19	6		13
28	B	Fortunat.	20	6		26
29	E	Roman	21	5	Sagit.	9

March hath xxxi days.

Last quarter the 2 day, 50 min. past noon.

Newmoon the 10 day, 18 min. past 4 in the afternoon.

First quarter the 18 day, 34 min. past 1 in the morning.

Full moon the 24 day, 39 min. past 5 in the afternoon.

1	Daniel B.	22	5	Sagit.	9	
2	Edmund B.	23	5		21	Wind with
3	5 fund in Lent	24	5	Capr.	3	some storms
4	Deion	25	4		10	of snow and
5	Phocas	26	4		27	rain.
6	Isidellu	27	3	Aquar.	9	
7	Herpetus	28	3		21	
8	Cyprian	29	2	Pisces	3	
9	Sun in Aries	0	1		11	
10	Midlent Sund	1	1		23	
11	Agapitus	2	0	Aries	10	Pinching cold
12	Gregory	3	0		23	frosty morn-
13	Euphrasie	3	59	Taur.	6	ings.
14	Eutychus	4	59		19	
15	Longinus	5	58	Gem.	2	
16	Heribert	6	57		16	
17	5 Sund. in Lent	7	56	Canc.	0	
18	Edward R.	8	55		14	
19	Joseph	9	55		28	
20	Euthbert	10	54	Leo	12	Blustering
21	Benedict	11	53		27	Winds with
22	Ephronis	12	52	Virgo	11	some wet.
23	Victoria	13	51		26	
24	Palm Sunday	14	50	Libra	10	
25	Lady day	15	48		24	
26	Casimir	16	47	Scorp.	8	
27	John Bism.	17	46		21	
28	Edison	18	45	Sagit.	5	Windy & dry
29	Sund Friday	19	44		17	towards the
30	Calixtus	20	42		29	months end.
31	Easter day	21	41	Capr.	12	

April hath xxx days.

Last quarter the 1 day, 33 min. past 7 in the morning.
 New moon the 9 day, 18 min. past 6 in the morning.
 First quarter the 16 day, 3 min. past 7 in the morning.
 Full moon the 23 day, about 5 in the morning.

1	G	Chreobote.	23	40	Capr.	23	
2	a	Mar. Egypt.	23	38	Aquar.	5	Windy and
3	b	Algian	24	37		17	moist about
4	c	Embrose	25	35		29	this time.
5	d	Vincent	26	34	Pisces	11	
6	e	Sixtus	27	32		23	
7	f	Low-Sunday	28	31	Aries	6	
8	g	Dionysius	29	29		19	
9	a	Sun in Taur.	0	28	Taur.	2	
10	b	Ezekiel	1	26		15	Cold and not
11	c	Leo	2	24		29	very pleasant
12	d	Julius	3	22	Gem.	12	yet.
13	e	Justus	4	21		27	
14	f	2 after Easter	5	19	Canc.	11	
15	g	Quind. Pasch.	6	17		25	
16	a	Carinus	7	15	Leo	9	
17	b	Term begins	8	13		23	
18	c	Valerian	9	11	Virgo	7	Some showers
19	d	Simon	10	9		21	of rain and
20	e	Quintus	11	7	Libra	5	hail very sea-
21	f	3 after Easter	12	5		19	sonable.
22	g	Tres Pasch.	13	3	Scorp.	3	
23	a	S. GEORGE	14	1		16	
24	b	Albertus	14	59	Sagit.	0	
25	c	S. Mark	15	57		12	
26	d	Cletus	16	56		25	
27	e	Enasius	17	53	Capr.	7	Good growing
28	f	4 after Easter	18	51		20	weather and
29	g	Mens Pasch.	19	48	Aquar.	1	pleasant for
30	a	Q. M. 2. born	20	46		13	the season.

May hath xxxi days.

Last quarter the 1 day, 22 min. past 1 in the morning.
 New moon the 8 day, 32 min. past 5 in the afternoon.
 First quarter the 15 day, 22 min. past 11 before noon.
 Full moon the 21 day, 6 min. past 5 in the afternoon.
 Last quarter the 30 day, 6 min. past 6 in the afternoon.

1	b	Phil. & Jacob.	21	44	Aquar.	25	
2	c	Ethenas	22	41	Pisces	7	
3	d	Invent. Crucis	23	39		19	Cool weather
4	e	Floissanus	24	37	Aries	1	for the season.
5	f	5 after Easter	25	34		14	
6	g	Joh. Port. Lat.	26	32		27	
7	a	Jubenal	27	29	Taur.	10	
8	b	Stanslaus	28	27		24	
9	c	Ascension Day	29	25	Gem.	8	
10	d	Sun in Gem.	0 II	22		22	
11	e	Quinest.	1	20	Canc.	7	Cold batter-
12	f	6 after Easter	2	17		21	ing rain, and
13	g	Term ends	3	14	Leo	5	some storms
14	a	Bonifass	4	12		20	of hail with
15	b	Dophia	5	9	Virgo	4	wind.
16	c	Decegrin.	6	7		18	
17	d	Cospetus	7	4	Libra	1	
18	e	Menantius	8	1		15	
19	f	White Sunday	8	59		29	
20	g	Donatus	9	56	Scorp.	12	Fine pleasant
21	a	Helena	10	53		25	growing wea-
22	b	Ember Week.	11	50	Sagit.	8	ther about
23	c	Deliberating	12	48		21	this time.
24	d	Escher	13	45	Capr.	3	
25	e	Urban	14	42		15	
26	f	Trinity Sund.	15	39		27	
27	g	Craft. Trin.	16	37	Aquar.	9	
28	a	German	17	34		21	Warm with
29	b	K. Ch. II. Nat.	18	31	Pisces	3	rain and
30	c	Polycarpus	19	28		15	thunder.
31	d	Term begins	20	25		27	

June hath xxx days.

New moon the 7 day, 26 min. past 2 i the morning.
 First quarter the 13 day, 34 min. past 4 in the afternoon.
 Full moon the 21 day, 25 min. past 6 in the morning.
 Last quarter the 29 day, 10 min. past 9 before noon.

1	e	Samphilus	21	22	Aries	9	
2	f	1 after Trin.	22	20		22	
3	g	Octab. Trin.	23	17	Taur.	5	Fine growing
4	a	Hetroch	24	14		18	weather with
5	b	Honiface	25	11	Gem.	2	some wet.
6	c	Paulus	26	8		16	
7	d	Weda: Day	27	5	Canc.	1	
8	e	Stremius	28	2		16	
9	f	2 after Trin.	28	59	Leo	1	
10	g	Quind. Trin.	29	56		15	Very pleasant
11	a	L. Barnabas	0	53	Virgo	0	weather ac-
12	b	Bullsteg	1	51		14	cording to
13	c	Cyrellus	2	48		28	the season.
14	d	Waterius	3	45	Libra	12	
15	e	Ullus	4	42		25	
16	f	3 after Trin.	5	39	Scorp.	9	
17	g	Tres Trin.	6	36		22	
18	a	Wate. &c.	7	33	Sagit.	4	
19	b	Term ends	8	30		17	Windy with
20	c	Regina	9	27		29	storms, and
21	d	Walburg:	10	24	Capr.	12	thunder in
22	e	Alban	11	21		24	some places.
23	f	4 after Trin.	12	18	Aquar.	6	
24	g	S. John Bapt.	13	15		18	
25	a	Amandus	14	12		29	
26	b	Jeremias	15	9	Pisces	11	
27	c	Sept. Dozm.	16	6		27	
28	d	Leo Days	17	4	Aries	5	Dry at the
29	e	S. Pet. & Paul	18	1		17	end.
30	f	5 after Trin.	18	56	Taur.	0	

July hath xxxi days.

New moon the 6 day, 42 min. past 9 before noon.

First quarter the 13 day, 13 min. past midnight.

Full moon the 20 day, 2 min. past 9 at night.

Last quarter the 28 day, at a 11 at night.

1	b	Tr. Strith	19	55	Taur.	13	Hot weather
2	a	Visit. Mary	20	52		26	with hasty
3	b	Cornelius	21	49	Gem.	10	showers and
4	c	Ulricus	22	46		25	thunder.
5	d	Isidore	23	43	Canc.	9	
6	e	Tranquill.	24	41		21	
7	f	6 after Trin.	25	38	Leo	9	
8	g	Grimbold	26	35		24	
9	a	Cyrillus	27	32	Virgo	9	
10	b	7 Prates	28	29		24	
11	c	Remigius	29	26	Libra	8	Hot and dry.
12	d	Simon Leo	0	24		22	
13	e	Mercurius	1	21	Scorp.	5	
14	f	7 after Trin.	2	18		19	
15	g	Swithin	3	15	Sagit.	1	
16	a	Isidore	4	13		14	
17	b	Diego	5	10		26	
18	c	Ernolph	6	7	Capr.	9	Good weather
19	d	Dog days beg.	7	5		21	for making
20	e	Margaret	8	2	Aquar.	3	of hay about
21	f	8 after Trin.	8	59		14	this time.
22	g	Mar. Mag.	9	57		26	
23	a	Spitta	10	54	Pisces	8	
24	b	Christiana	11	51		30	
25	c	J. James Ap.	12	49	Aries	2	
26	d	John	13	46		14	
27	e	Barth	14	44		26	High winds
28	f	9 after Trin.	15	41	Taur.	9	with some
29	g	Beatus	16	39		21	wet, if not
30	a	Eden	17	36	Gem.	5	thunder.
31	b	German	18	34		18	

August hath xxxi days.

New moon the 4 day, 7 min. past 5 in the afternoon.
 First quarter the 11 day, 10 min. past 11 before noon.
 Full moon the 19 day, 41 min. past noon.
 Last quarter the 27 day, 2 min. past 10 before noon.

1	c	Lammas day	19	32	Sanc.	3	
2	d	Agnes	20	29		18	Very warm
3	e	Dominic	21	27	Leo	3	with some
4	f	10 after Trin.	22	24		18	showers.
5	g	Fest. nivis	23	22	Virgo	3	
6	a	St. Peter	24	20		18	
7	b	Donatus	25	18	Libra	3	
8	c	Cyprianus	26	15		18	
9	d	Remigius	27	13	Scorp.	1	
10	e	Lawrence	28	11		15	Black clouds
11	f	11 after Trin.	29	9		28	and very like
12	g	Sun in Virgo	0	7	Sagit.	11	thunder.
13	a	Hippolytus	1	5		23	
14	b	Eusebius	2	2	Capr.	6	
15	c	Assump. V.M.	3	0		18	
16	d	Roebus	3	58		29	
17	e	Agapitus	4	56	Aquar.	11	
18	f	12 after Trin.	5	55		23	
19	g	Aug. Mart.	6	53	Pisces	5	Moderate as to
20	a	Barthol.	7	51		17	heat with
21	b	Valentinus	8	49		29	some wind
22	c	Remigius	9	47	Aries	11	and showers.
23	d	Augustus	10	45		23	
24	e	S. Bartholom.	11	44	Taur.	6	
25	f	13 after Trin.	12	42		18	
26	g	Severinus	13	40	Gem.	1	
27	a	Dog days end.	14	38		14	
28	b	Augustin	15	37		28	Cool air, and
29	c	Decol. J. B.	16	35	Canc.	12	moist towards
30	d	Fest.	17	34		26	the end.
31	e	Paulinus	18	32	Leo	11	

September hath xxx days.

New moon the 3 day, 54 min. past midnight.

First quarter the 10 day, 33 min. past 1 in the morning.

Full moon the 18 day, 48 min. past 4 in the morning.

Last quarter the 25 day, 20 min. past 4 in the afternoon.

1	14 after Trin.	19	31 Leo	26	
2	Amertus	20	29 Virgo	11	
3	Chreobola	21	28	26	The weather
4	Tr. Luthbert	22	26 Libra	11	grows cool
5	Moses	23	25	26	and some rain
6	Magnus	24	24 Scorp.	10	followeth.
7	Megina	25	22	24	
8	15 after Trin.	26	21 Sagit.	7	
9	Gozgon	27	20	20	
10	Military P.	28	19 Capr.	2	
11	Felix, &c.	29	18	14	Good season-
12	Sun in Libra	0	17	20	able weather.
13	Amatus	1	16 Aquar.	8	
14	Exalt. Crucis	2	14	20	
15	16 after Trin.	3	13 Pisces	2	
16	Edith	4	12	14	
17	Lambert	5	12	26	
18	Ember week	6	11 Aries	8	Misty, raw,
19	Januarius	7	10	20	and dark
20	Faula	8	9 Taur.	3	weather,
21	S. Matthew	9	8	15	but soon
22	17 after Trin.	10	7	28	alters.
23	Ecce, Vir.	11	7 Gem.	11	
24	Rupertus	12	6	25	
25	Cleopas	13	5 Canc.	8	
26	Cyprian	14	5	22	
27	Colm. Dam.	15	4 Leo	6	Windy and
28	Wencesl.	16	4	21	moist towards
29	S. Michael	17	3 Virgo	5	the end.
30	Micronius	18	3	20	

October hath xxxi days.

New moon the 2 day, 56 min. past 9 before noon.
 First quarter the 9 day, 12 min. past 7 at night.
 Full moon the 17 day, 54 min. past 8 at night.
 Last quarter the 25 day, 45 min. past 3 in the morning.
 New moon the 31 day, 36 min. past 9 at night.

1	a	Remigius	19	2	Libra	5	
2	b	Acodgar	20	2		20	
3	c	Permion	21	2	Scorp.	4	Clofe, cool, and
4	d	Francis	22	1		18	somewhat
5	e	Constance	23	1	Sagit.	2	moist.
6	f	19 after Trin.	24	1		15	
7	g	Marcon, &c.	25	1		28	
8	a	Delagis	26	0	Capr.	11	
9	b	Dionysius	27	0		23	
10	c	Wibson	28	0	Aquar.	5	Some gentle
11	d	Burchard.	29	0		16	rains, and not
12	e	Sun in Scorp.	0 m	0		28	very unplea-
13	f	20 after Trin.	1	0	Pisces	10	sant yet for
14	g	Calixtus	2	0		22	the season.
15	a	Medwig	3	0	Aries	4	
16	b	Gallus	4	0		16	
17	c	Florent.	5	1		29	
18	d	S. Luke Evan.	6	1	Tuar.	12	
19	e	Stolemy	7	1		25	
20	f	21 after Trin.	8	1	Gem.	8	High winds
21	g	Tres Mich.	9	1		22	and somewhat
22	a	Coyula	10	2	Canc.	5	cold.
23	b	Term begins	11	2		19	
24	c	Salmon	12	2	Leo	3	
25	d	Crispin	13	3		17	
26	e	Amandus	14	3	Virgo	1	
27	f	22 after Trin.	15	4		15	Variable wea-
28	g	S. Si. & Jude	16	4	Libra	0	ther towards
29	a	Mens. Mich.	17	5		14	the end.
30	b	Theonest.	18	5		28	
31	c	Wolfgang	19	6	Scorp.	12	

November hath xxx days.

First quarter the 8 day, 10 min. past 3 afternoon.

Full moon the 16 day, about midnight.

Last quarter the 23 day, 38 min. past noon.

New moon the 30 day, 50 min. past 11 before noon.

1	d	All Saints	20	6	Scorp.	26	
2	e	Omn. Anim.	21	7	Sagit.	10	Good mode-
3	f	23 after Trin.	22	8		23	rate weath. the
4	g	K. W. 3. born	23	8	Capp.	6	season consti-
5	a	Powder Plot	24	9		19	dered.
6	b	Leonard	25	10	Aquar.	1	
7	c	Florent.	26	11		13	
8	d	Severus	27	11		25	
9	e	Chesdase	28	12	Pisces	6	
10	f	24 after Trin.	29	13		18	
11	g	San in Sagit.	0	14	Aries	0	Dark and
12	a	Craft. Mart.	1	15		12	gloomy wea-
13	b	Richardus	2	16		24	ther with
14	c	Fredetic	3	17	Taur.	7	snow or rain.
15	d	Leopold	4	18		20	
16	e	Othmarus	5	18	Gem.	4	
17	f	25 after Trin.	6	19		17	
18	g	Octab. Mart.	7	20	Canc.	1	
19	a	Elizabeth	8	21		15	
20	b	Eugenius	9	22	Leo	0	Windy and
21	c	Obl. t. V.M.	10	24		14	variable wea-
22	d	Costas	11	25		28	ther.
23	e	Clement	12	26	Virgo	13	
24	f	26 after Trin.	13	28		26	
25	g	Catharine	14	28	Libra	10	
26	a	Quind. Mart.	15	29		24	
27	b	Conther	16	30	Scorp.	8	Cold and incll-
28	c	Arms ends	17	31		31	ning to frost
29	d	Saturn	18	33	Sagit.	5	at the end
30	e	Andrew	19	34		18	of the month.

December hath xxxi days.

First quarter the 8 day, 44 min. past 11 before noon.
 Full moon the 16 day, 6 min. past 1 in the morning.
 Last quarter the 22 day, at 9 at night
 New moon the 30 day, at 6 in the morning.

1	a	Advent Sund.	20	35	Capr.	1	
2	b	Elisabeth	21	36		14	
3	c	Cecilian	22	37		27	Cold, & sharp
4	d	Barbara	23	39	Aquar.	9	air, with some
5	e	Matheus	24	40		21	frost.
6	f	Nicholas	25	41	Pisces	2	
7	g	Agath. M.	26	42		14	
8	a	2 sun. in Adv.	27	44		26	
9	b	Egerton	28	45	Aries	8	
10	c	Julia	29	46		20	
11	d	3 sun. in Capr.	0	47	Taur.	3	
12	e	Valerius	1	49		15	Good weather
13	f	Lucia, Virg.	2	50		28	for the season.
14	g	Michaelus	3	51	Gem.	12	
15	a	3 sun. in Adv.	4	53		26	
16	b	O Sapiencia	5	54	Canc.	10	
17	c	Eugenius	6	55		25	
18	d	Winter week	7	56	Leo	9	
19	e	Roth	8	58		24	
20	f	Samuel	9	59	Virgo	9	Windy with
21	g	S. Thomas	11	0		23	some wet.
22	a	4 sun. in Adv.	12	2	Libra	7	
23	b	Matth.	13	3		21	
24	c	Agustine	14	4	Scorp.	5	
25	d	Christmas day	15	6		19	
26	e	S. Stephen	16	7	Sagit.	2	
27	f	S. John	17	8		15	Inclining to
28	g	S. Innocent.	18	9		28	frost, and very
29	a	1 sun. aft. Chr.	19	11	Capr.	11	cold to the
30	b	Wahb	20	12		23	years end.
31	c	Hyldeser	21	13	Aquar.	4	

Swallow 1700.

A Regal Table in a more exact manner.

The Year, Month, and Day, (reckoning the Year to begin Jan. 1.) whereon every King and Queen of Eng. since the Conquest began their Reign.				The number of Years, Months, and Days, that every K. and Q. reigned to reign: as also 28 d. to a month. since they ended.				The num. of Y. expired in this Y. since they began		
K. W. Cong.	1066	Octob.	14	20	y	11	m	22	d	634
W. Rufus	1087	Sept.	9	12	y	11	m	18	d	513
Henry	1100	August	1	35	y	4	m	11	d	600
Steven	1135	Decem.	2	18	y	11	m	18	d	565
Henry	1154	Octob.	25	34	y	9	m	2	d	546
Richard	1189	July	6	9	y	9	m	0	d	511
John	1199	April	6	17	y	7	m	0	d	501
Henry	1216	Octob.	19	56	y	1	m	0	d	479
Edward	1272	Nov.	16	34	y	8	m	6	d	434
Edward	1307	July	7	19	y	7	m	5	d	393
Edward	1327	Jan.	25	50	y	5	m	7	d	373
Richard	1377	June	21	22	y	3	m	14	d	323
Henry	1399	Sept.	29	13	y	5	m	3	d	301
Henry	1413	March	20	9	y	5	m	24	d	287
Henry	1422	August	31	38	y	5	m	16	d	278
Edward	1461	March	4	22	y	1	m	8	d	239
Edward	1483	April	9	6	y	2	m	18	d	217
Richard	1483	June	22	2	y	2	m	5	d	217
Henry	1485	August	22	23	y	10	m	24	d	215
Henry	1509	April	22	37	y	10	m	2	d	191
Edward	1547	Jan.	28	6	y	5	m	19	d	154
Q. Mary	1553	July	6	5	y	4	m	22	d	147
Q. Elizabeth	1558	Nov.	17	44	y	4	m	15	d	142
James	1603	March	4	22	y	0	m	3	d	98
Charles	1625	March	27	22	y	10	m	3	d	75
Charles	1648	Jan.	30	36	y	0	m	0	d	51
James	1685	Febr.	6	4	y	0	m	0	d	15
William	3			Whom God grant						11
Mary	2			long to Reign.						2

The Use of the Table in Example.

King Henry 8 began his Reign in the Year of Christ 1509. April 22. He reigned 37 years, 10 months, and 2 days. It is since he began his Reign 191 Years compleat the 22 of April this Year 1700. Now to know the time since the end of his Reign, before his Name standing on the right hand, you shall there find 154 Years since he died Jan. 28. and so of the rest.

SWALLOW.

The latter part of this
ALMANACK
for the Year of our
LORD GOD

1700.

Being the Bissextile or Leap-year,
and from the Conquest of *England*
by *William Duke of Norman-*
dy 634 years.

Wherein is contained an account of the Eclipses, the time of the Sun's entrance into the four Cardinal Signs. Likewise a Table shewing the Time of the Moons coming to the South, and Quantity of her shining, &c. A Table shewing the time of Day-break, & Twilight for every 10th. day throughout the Year. Also the particular Intensions or Remissions of Heat and cold, which happen by the position of the Planets. A Table of Weights and Measures, and the Value of Foreign Coins in *English Money*. Also Tables and Rules how to measure Board and Timber, a Table of Interest, Tables for Purchasing and putting out of money for Interest upon Interest, as also a Table shewing the rising and setting of the Sun, &c. with the Fairs in a larger manner than formerly.

CAMBRIDGE,

Printed by *John Hayes*, Printer to the
University, 1700.

The Eclipses for the year 1700.

THERE will be but Two Eclipses, and those of the Moon.

The first Lunar Deliquium will be celebrated in 15 Degrees of the Celestial Virgin, on *Febr. 23d.* about our Seven in the Morning. And in as much as it falls in an Human Sign, it will principally pour out its Effects upon Human Kind. It will be Visible if the Air be clear, and Total, even in our Western Horison.

The second will be an Invisible Lunar Defect, and will happen on the 18th. of *August*, about our Two of the Clock in the Afternoon, and will be Celebrated in 6 Degrees of the Fishes. It will be a Great Eclipse, though Invisible to us as before said.

On the 23d. of *December* this Year will happen a Notable Conjunction of ♄ and ♀ in 10 Degrees of the Celestial Fishes. And what Country, City, Nation, Person or Thing soever, hath relation to that part of the Sign wherein this Conjunction is made, will be eminently concern'd in its Effects.

The Suns entrance into the four Cardinal Signs.

HE enters ♈, *March* the 11, 22 minutes past 4 in the morning, and then begins our Spring Quarter.

He enters ♋, *June* the 12, 52 min. past 5 in the Afternoon, and then begins our Summer Quarter.

He enters ♏, *September* the 13. 50 min. past 9 at night, and then begins our Autumn.

He enters ♐, *December* the 12, 42 minutes past 9 at night, and then begins our Winter Quarter.

A true Computation of some things memorable.

The World began	5702
Noah's Floud	4048
The birth of <i>Abraham</i>	3695
The birth of <i>Isaac</i>	3595
The birth of <i>Jacob</i>	3436
The birth of <i>Joseph</i>	3444
<i>Joseph</i> was sold by his Brethren	3426
<i>Jacob</i> went down into <i>Egypt</i>	3405
<i>Moses</i> was born	3270
The giving of the Law upon <i>Mount Sinai</i>	3190
<i>Moses</i> died	3150
<i>David</i> began to reign	2754
<i>Solomon</i> began to build the Temple	2711
<i>Nebuchadnezzar</i> burnt it	2287
<i>Zorobabel</i> began again to build it	2217
The building of the Tower in London	2118
<i>Alexander the Great</i> died	2023
The building of Cambridge	2000
<i>Julius Cesar</i> conquered Britain	1751
The destruction of <i>Jerusalem</i> by <i>Titus</i>	1630
<i>S. John</i> wrote his Revelation	1600
<i>Lucius</i> the first Christian King began	4520
<i>Constantine</i> the first Christian Emp. began	1376
Cambridge was made an University	1066
The first Mayor of London	510
The invention of Guns	320
The invention of Printing	260
<i>Tilbury Camp</i> on <i>S. James</i> his day	112
The Powder Treason, <i>Novemb. 5.</i>	95
The beginning of the Great Frost, <i>Novemb.</i>	94
The last great Plague in London	35
London almost consumed by fire	34
<i>S^t Edmund-Bury Godfrey</i> was Murdered <i>Octob.</i>	22
<i>Monmouth</i> was beheaded <i>July 15.</i>	15
<i>King James II.</i> Abdicated in <i>December 1688.</i>	12
<i>K. William</i> and <i>Q. Mary</i> Crown'd <i>Apr. 11. 1689.</i>	11

Swallow 1700.

A Table shewing the time of the Moons coming to the South, and quantity of her shining for the ready finding the hour of the night.

The Moons age.		Moons southing and shin.		Moons age for her sett.	
1	16	0	48	1	29
2	17	1	36	2	28
3	18	2	24	3	27
4	19	3	12	4	26
5	20	4	0	5	25
6	21	5	48	6	24
7	22	5	36	7	23
8	23	6	24	8	22
9	24	7	12	9	21
10	25	8	0	10	20
11	26	8	48	11	19
12	27	9	36	12	18
13	28	10	24	13	17
14	29	11	12	14	16
15	30	12	0	15	

The first Column of this Table shews at what age the Moon rises after Sun setting, or after his rising, so many hours and minutes as the middle Column shews, as at 2 days old she rises 1 hour and 36 minutes after the Sun, and at 17 days old she rises 1 hour and 36 min. after Sun-setting, &c. the third Column is for the Moons setting, as at 2 days old she sets 1 hour and 36 min. before the Sun, &c. the middle Column shews how many hours and minutes the Moon shines, which from New Moon, to Full Moon is to be used with the third Column, so for her southing, as at 6 days old she is upon the Meridian 48. min. past 5 at night, but at 24 days old she souths 48 minutes past 5 in the morning.

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Portsmouth, Isle of Wight, Spits; Kentish-knock.	Ho. M
S. by w.	Rocheſter, Malden, Aberdeen, Redband.	0 45
S S. w.	Graveſen, Downs, R Romney, Tenner, Silly.	1 30
S. w. by S.	Dundee, S. Andr. S. Lucas, Belliſle, Holyiſl.	2 15
S. w.	Lond. Tinmout. Hartpool, Whitebay, Amſ.	3 0
S. w. by w.	Barwic, Flambrough-h. Bridlington-bay.	3 45
W. S. w.	Scarboroug, Severn, Mounts-bay, Kingſale.	4 30
W. by S.	Newcaſt. Humber, Falmouth, Dartmout.	5 15
E. and w	Plimouth, Weymouth, Hull, Lyn, Antwerp.	6 0
E. by S.	Briſtol. Foulneſs at the Rart.	6 45
E S. E.	Milford, Bridgew. Landſen. Waterford.	7 30
SE. by E.	Portlan. Peterport, Harſlew, Hague, Dubl.	8 15
S S. E.	Pool, S. Hellen Orkney, Carnes, Man-Iſle,	9 0
E. by S.	Needles, Laiſto, North & South forelands	9 45
S. S. E.	Yarmout, Dover, Harwich, Calice-Road.	10 30
S. by E.	Ry, Wincheſley, Goree, Thames, Rhodes.	11 15
Moons	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Moon
age	16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	age
is South	12 1 2 3 4 5 6 7 8 8 9 10 11 12	H.
at	48 36 24 12 0 48 36 24 12 0 48 36 24 12	M.

The Tide Table Explained.

IN the firſt Column you have the point of the Compaſs to the which the Moon coming maketh full Sea at thoſe Havens mentioned in the ſecond Column, and in the third Column are the hours and minutes to be added to the time of the Moons ſouthing. I ſhall make it plain by an example.

Swallow 1700.

The 14 of February this Year 1700. I would know at what hour it will be Full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 6 days old, which age I find at the bottom of the Tide table, and under the same hours, 48 min. the time of the Moons coming to the South, then finding in the first Column that a South-west Moon makes full Sea at London, I add to her southing 3 hours as is shewed in the last Column, and it makes 7 hours, 48 min. at night, the time of full Sea at London-bridge; also observe that when the Moon cometh to the contrary, or North-east point, it is there full Sea again.

A Table shewing the time of Day-break, and Twilight for every 10th. day throughout the Year.

Month.	Day-break		Twilight.		Month.	Day-bre.		Twilight.	
	h.	m.	h.	m.		h.	m.	h.	m.
Jan.	15	54	6	6	July	1	42	11	18
	11	5	45	18		21	10		38
	21	5	35	25		12	0	10	0
	15	17	6	43	Aug.	1	21	9	39
Feb.	11	5	0	0		21	0	9	0
	21	4	45	15		13	30	8	30
	14	20	7	40	Sept.	1	59	8	1
Mar.	11	25	59	1		21	19	7	41
	21	3	34	22		14	48	7	12
	13	55	8	55	Oct.	1	10	7	0
Apr.	11	2	38	22		21	8	6	42
	21	2	29	58		15	37	6	27
	11	30	10	30	Nov.	1	45	6	17
May	11	0	30	30		21	54	6	6
	21	All Day		No Nigh.		15	57	6	3
	1	and		but	Dec.	1	0	6	0
June	11	no Night.		All Day.		21	8	6	2
	21								

Of the particular Intensions or Remissions of Heat and Cold, which happen by the Position of the Planets.

THE first Consideration that offereth it self, is the place and position of the Planets who moving under the Zodiack, do for the same Reasons, receive the same increase and abatement of force in their Operations, which the Sun doth, in his various position and distance from us, for seeing the power of *Saturn* consisteth chiefly in cold and congealed Meteors, it followeth for an infallible Maxim, that we are then pinched with the sharpest and coldest Winters, when *Saturn* having surmounted the Equinoctial, shineth in the Septentrional signs nearest over our Heads, by means whereof as the Suns force begins to grow weak, during his scituation in those signs, his Cold influence shall prevail still more and more, as well because of his slow motion and long continuance in one place, as also by reason of the more direct projection of his Beams, and great described Ark above the Horizon; in all which Respects his Impression most then be most, and the rather because he then becometh nearest to the Earth, and all Light the nearer it is, the more strongly it doth illuminate the Object, and consequently work upon it, as Experience testifies, for it hath been observed, that when *Saturn* hath been in Π , or other the most Northern signs, the Effects of his Cold influence were so lasting and hurtfull, as cannot be so easily forgotten: On the contrary, when he's found to be in γ , or other the most Southern signs, the Winter is ob-

served to pass away without considerable Cold, because in the Northern Signs he's nearest, and in the Southern furthest from our Earth, and so consequently strongest or weakest in operation. Judge the like of the other Planets.

Next the Situation and place of the Planets, that intensification and remission of Heat and Cold which happeneth by the motion of the Planets, is to be considered. Not that the diversity of motions altereth the Nature of the Planets, which is ever the same, but because in regard hereof they work not after one manner in every place, nor yet alike in the same place at the same position, but diversely in all places, as the force of their operation is increased or diminished through this diversity of their particular motions, and then diversely applied by the diurnal Revolution of the Heavens unto the matter of sublunary things. For as is evident to those that are acquainted with the Theoricks, the Centre of their Orbs differing from the Centre of the World, causeth them in respect of us to move irregularly, as sometimes Direct, or according to the succession of the Signs; sometimes Retrograde, or against their order: their motion also for the same reason being sometimes swift, sometimes slow, and sometimes nothing at all but Stationary. Which great diversity must of necessity cause variety in manner of their operation, for as the motion of a Planet that is Direct, doth greatly avail to his long stay and continuance above the Horizon, in that it comprehendeth more than one entire period of the Æquinoctial in his Diurnal Revolution: so that Planet which is Retrograde seemeth not only to forsake his own natural course, but also he is esteemed purposely to refuse that opportunity of strengthening his operation by long continuance above the Horizon, which by holding on a Direct course he doth obtain, yet notwithstanding,

it is to be observed that a Retrograde Planet, doth by means of this Passion, pass, return, and repass, the same small Ark of the Zodiack thrice in few days, whereby the former loss which he suffereth through the interruption of his diurnal Ark, is as it were triple recompensed by this threefold reiteration of the same course.

The next is intension and remission by Configurations or Aspects of the Stars, which cause favoureth nothing of Matter, but hath onely consideration of form, not so much respecting the streight Beams of Light which flow from every Star, as valuing and esteeming how their Beams meet at the Earth between us and their Light; but when they are hidden under the Earth or Horizon, and seem above the same, it maketh the Efficacy of the Stars more notable over all the World than at other times. Which kind of operation, if the Stars be swift, in motion, is in a manner but momentary; for that the Geometrical Angle being changed into another impropportionable and improper, immediately or not long after, this efficacy also ceaseth, though the light of the Star at that time chance to increase; for which cause the Aspects of the Moon with other Planets are not so much to be regarded in the alteration of the weather, as the Configurations of the Planets amongst themselves, or with the fixed Stars, whose motion being slow in respect of the Moons, doth not so suddenly vary the angle of their Configuration at the Earth. From hence it is that those Arks or Portions of the Heaven allotted unto the Aspects, are not so much esteemed in Astrological Judgments. For although, in all scituations the Stars send forth their Beams unto all the parts of Heaven and Earth which they behold, by means whereof the Beams and Lines of true motion in every two Stars do retain a mutual respect one to another, and so do evermore intercept
some

some Ark of Heaven, and concur at some Angle of the Earth, which may seem to make an Aspect among themselves: yet nevertheless are there but five Aspects more especially regarded, as \odot , \star , \square , \triangle , and \diamond , which proportionable distances, may as powerfully affect the matter of sublunary things, as the like Geometrical symmetry in sound doth our ears.

The Nature of the four principal Winds, and their effects.

1. *Subsolanus*, or the East-wind, is hot and dry, temperate, sweet, pure, subtile, and healthful, and especially in the morning, when the Sun riseth, by whom he is made more pure and subtile, causing no infection to mans body, but expelling it.

2. *Zephyrus*, or the West-wind, is temperate, hot and moist, and wholesome, especially in the evening; it dissolveth frost, ice and snow, and maketh flowers and grasse to spring, and some write that it produceth thunder.

3. *Septentrio*, or the North-wind, is for the most part cold and dry, repelling moisture and rain. And though it cause cold and numbness, so nipping the earth, and many times the forward buds of the Spring, yet it driveth away all noysome ayres, and so is a means to preserve health.

4. *Auster* or *Notus*, the South wind is hot and moist, breeding thick clouds and sickness.

Of

Of Weights and Measures.

Of Troy Weight.

Apothecaries Weight.

24 Grains	} MAKE	1 Penny w.	20 Grains	} MAKE	1 Scruple
20 Penny weig.		1 Ounce.	3 Scruples		1 Dram.
12 Ounces		1 po. Troy	8 Drams		1 Ounce.
			12 Ounces		1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 penny weight *Troy*; by which Weight is weighed any thing which beareth the Name of Garbel in this kind of weight.

16 Drams	} MAKE	an Ounce.	28 Pound	} MAKE	1 Quarter.
16 Ounces		a Pound.	4 Quarters		1 H or 112
			20 Hundreds		1 Tun.

Of Liquid Measure

Dry Measure.

2 Pints	} MAKE	1 Quart.	2 Gallons	} MAKE	1 Peck.
2 Quarts		1 Pottle.	4 Pecks		1 Bushel
2 Pottles		1 Gallon			land meas.
8 Gallons		1 Firkin of Ale, Sope, Herrings	5 Pecks		1 Bushel
					wat. meas.
9 Gallons	} MAKE	1 Firkin of Beer.	8 Bushels	} MAKE	1 Quarter.
		1 Firkin of Salmon or Eels.	4 Quarters		1 Chalden.
10 Gall. $\frac{1}{2}$		1 Firkin of	5 Quarters		1 Wey.

Long Measure.

2 Firkins	} MAKE	1 Kilderkin	3 Barly Corns	} MAKE	1 Inch.
2 Kilderk.		1 Barrel.	12 Inches		1 foot
42 Gallons		1 Tierce of Wine.	3 feet		1 Yard
			3 feet 9 Inch.		1 Ell.
63 Gallons	} MAKE	1 Hogshead	6 feet		1 fathom
2 Hogsh.		1 pipe, Butt.	5 yards and $\frac{1}{2}$		1 Pole.
			40 Poles		1 furlong.
			8 furlongs		1 En. mile

Land Measure.

Cloth Measure.

1 Pole in breadth and 40 in length make a Rood of Land	} MAKE	4 Nails	} MAKE	1 Quarter.
4 Roods make an Acre, which contains 160 square Pole.		4 Quarters		1 Yard.
		5 Quarters		1 Ell
		3 Quarters		1 Ell Flem.

The value of Forreign Coins in English money.

Weights & Measures mentioned in Scripture.

	lb.	sh.	d.		
Hebrew Talent in Gold	4500	00	00	A Shekel in weight	6
Hebrew Talent in Silver	375	00	00	$\frac{1}{4}$ of an Ounce.	54
Alexandrian Talent	375	00	00	Sackel of the Sanctuary $\frac{1}{2}$ an ounce.	11
Egyptian Talent	250	00	00	A Talent 62 pounds.	8
Babylonian Talent	218	15	00	A Pound 12 ounces.	4
Attick Talent	187	10	00	A Mules burthen	40 R
sestertium of Rome	7	16	3	200 weight.	2 $\frac{1}{2}$
A Shekel	0	2	6	A Log half a pint.	4 T
Argenteus	0	2	6	A Hin 3 quarts.	2 $\frac{1}{2}$
A Drachma	0	0	7 $\frac{1}{2}$	A Bath 9 Gallons	1
A Rubble.	0	13	4	quarts.	2 $\frac{1}{2}$
A Sultany	0	7	6	A Pot or Sextary, 1	1
A Ducat	0	6	8	pint and an half.	2
A French Crown	0	6	6	A Measure or Choc-	1
A Xeriffe	0	6	0	nix, a quart.	2
A Rix Doller	0	4	8	A Firkin 4 Gallons	1
A Floren	0	3	0	and an half.	4
A Frank	0	2	0	A Kab, a quart.	1 S
A Livre at Paris	0	1	6	An Omer 3 pints &	3 S
A Gilder	0	2	0	an half.	3 S
A Spanish Real	0	0	6	A Measure or Sezh	2 N
A Sous	0	0	19	a gallon & an half.	3 N
A Turkish Asper	0	0	19	An Ephra, half a Bu-	8 P
A Maravidis	0	0	09	shel and Pottle.	2 G
				Half Homer or Le-	20
				thec, 7 bush. & quart.	6 C

5 Stivers are equal to 6 pence Sterling, 6 Stivers are a Flemish Shilling, 20 Stivers or Solds Turnois make a Gilder, and 120 Stivers make a Livre or pound Flemish, which is reckoned equal to 12 shillings Sterling. The Ducatoons are equal to 10 Dutch shillings or 60 Stivers; Patatoons are equal to 48 Stivers or 8 Dutch shillings, 8 Doits make a Stiver. The weight called a Quintal is 104 pound, in some places 108.

Forreign

Swallow 1700.

Forreign Coin reduced to English Money.

Spanish Money.

6 Conrades	}	make 1	}	Mervid
54 Mervids				Ryal or 6 d. English
11 Ryals				Ducat
8 Ryals				Piece of 8, or 4 s. English.
4 Quartiliards				

Portugal Money.

40 Res	}	Makes 1	}	Ryal or 6 d. English.
2 ¹ Ryals				Testoon
4 Testoons or 10 Ryals				Ducat
2 ¹ Ducats				Milti of Gold.

French Money.

12 Deniers	}	Make 1	}	Soulk
20 Soulk				Frank or Liver
16 Soulk				Cardeque
4 Carducas				Crown.

Scotch Money.

1 Small Piece	}	Make	}	2 d. 1 q. English
3 Small Pieces				1 Noble Scotch or 6 d. $\frac{3}{4}$ Engl.
2 Nobles Scotch				1 Mark or 13 d. $\frac{1}{2}$ Engl.
3 Nobles Scotch				1 l. Scotch or 20 d. Engl.

Flemish Money.

8 Pence	}	is	}	1 Groat
2 Groats				1 Single stiver
20 Single Stivers				1 Doubl. Stiv. or 3 d. 1 q. Eng.
20 Sin. Stiv. or 10 doub.				1 Guilder 3 s. 4 d. Engl.
6 Guilders				1 Pound.

Swallow 1700.

A plain and easie Table shewing the true Interest due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

		1 month.			3 months			6 months			9 months			A Year		
		sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.
Shil.	5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	
	15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	
Pounds.	1	0	1	0	0	3	2	0	7	0	10	2	1	2		
	2	0	2	1	0	7	0	1	2	1	9	1	2	4		
	3	0	3	2	0	1	2	1	9	1	2	7	3	3	6	
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	
Tens of Pounds.		po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	

Find the Principal in the first Column, and in the other you have the Interest due for One, Three, Six, Nine, or Twelve months.

A Table shewing how many Inches in Length makes one Foot of Timber, according to the Compaſs of any Round Piece of Timber.

The, Compaſs of the Tree in Inches.

om	in.	parts.	Com.	in.	parts.	Com.	in.	parts.
10	217	15	40	13	572	70	4	432
11	179	46	41	12	916	71	4	308
12	150	80	42	12	310	72	4	198
13	128	49	43	11	744	73	4	75
14	110	79	44	11	211	74	3	965
15	94	312	45	10	723	75	3	861
16	84	822	46	10	262	76	3	760
17	75	137	47	9	830	77	3	663
18	67	20	48	9	425	78	3	569
19	60	141	49	9	44	79	3	479
20	54	286	50	8	686	80	3	393
21	49	218	51	8	349	81	3	310
22	44	865	52	8	30	82	3	230
23	40	904	53	7	730	83	3	152
24	37	690	54	7	447	84	3	78
25	34	743	55	7	178	85	3	6
26	32	122	56	6	914	86	2	936
27	29	787	57	6	684	87	2	869
28	27	697	58	6	455	88	2	804
29	25	820	59	6	238	89	2	742
30	24	127	60	6	30	90	2	681
31	22	596	61	5	836	91	2	622
32	21	206	62	5	649	92	2	566
33	19	936	63	5	471	93	2	511
34	18	784	64	5	301	94	2	458
35	17	736	65	5	140	95	2	406
36	16	755	66	4	985	96	2	356
37	15	862	67	4	837	97	2	307
38	15	38	68	4	698	98	2	261
39	14	276	69	4	561	99	2	216
						100	2	171

The use of the Table.

First girt the Piece about, then look the length of that Girt under the title Com. and against it is the length of a Foot solid in Inches and parts of Inches.

Example.

Suppose a piece of Timber be 80 Inches about, then look 80 under the title Com. and against it in the next Column toward the right hand is 3 Inches and 393 decimal parts of an Inch, (that is 393 thousand parts, supposing the Inch to be divided into 1000 parts) for the length of a Foot.

For Square Timber.

Divide always 1728. (the Cubick inches in a foot solid) by the Content at the end, and the Quotient shews the length of a foot solid in Inches.

Example.

Let a piece of Timber be 12 Inches broad and 10 Inches deep at the end, and then the Content will be 120 Inches, which dividing 1728 the Quotient is 14 Inches, and $\frac{48}{120}$ parts for the length of a foot solid.

For Boards.

Divide always 144 (the Inches in a foot square) by the breadth, and the Quotient shews the length of a foot square in Inches.

Example.

If a board be 16 Inches broad, then 144 divided by 16 the Quotient is 9 Inches for the length of a foot according to that breadth.

For Circles.

If the Circumference be given, multiply it by it self, and then by 7, the last product divide by 88, and the Quotient shews the Content: if the Diameter be onely given, multiply it by it self, and then by 11 the last product divide by 14 and the Quotient shews the Content.

A Table of the hour and minute of Sun-rising every second day.

days	Januar.		Februa.		March		April		May		June	
	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.
2	8	4	7	15	6	16	5	14	4	21	3	46
4	8	1	7	11	6	12	5	10	4	17	3	45
6	7	58	7	7	6	8	5	6	4	14	3	44
8	7	56	7	3	6	4	5	2	4	11	3	43
10	7	53	6	57	6	0	4	58	4	7	3	43
12	7	51	6	53	5	56	4	54	4	5	3	43
14	7	48	6	50	5	52	4	50	4	2	3	43
16	7	45	6	46	5	48	4	46	4	0	3	44
18	7	43	6	42	5	44	4	43	3	58	3	45
20	7	40	6	38	5	40	4	39	3	56	3	46
22	7	37	6	34	5	36	4	35	3	54	3	47
24	7	33	6	30	5	32	4	32	3	52	3	48
26	7	29	6	26	5	29	4	29	3	50	3	49
28	7	25	6	22	5	25	4	25	3	48	3	50
30	7	21	0	0	5	21	4	22	3	47	3	52
<hr/>												
days	July		August		Septem.		Octob.		Nov.		Decem	
	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.
2	3	54	4	39	5	39	6	41	7	37	8	15
4	3	56	4	43	5	42	6	45	7	40	8	15
6	3	58	4	46	5	45	6	49	7	44	8	16
8	4	0	4	50	5	50	6	52	7	47	8	17
10	4	3	4	54	5	54	6	56	7	51	8	17
12	4	6	4	58	5	58	7	0	7	54	8	17
14	4	8	5	2	6	2	7	4	7	57	8	17
16	4	11	5	6	6	6	7	8	7	59	8	16
18	4	15	5	10	6	11	7	12	8	1	8	15
20	4	18	5	14	6	15	7	15	8	3	8	15
22	4	21	5	18	6	20	7	19	8	5	8	14
24	4	24	5	21	6	24	7	22	8	7	8	12
26	4	27	5	25	6	28	7	25	8	9	8	10
28	4	30	5	29	6	32	7	29	8	11	8	9
30	4	34	5	32	6	36	7	32	8	13	8	7

Seek the day on the side; and right againit it, in every month, you have the hour and minute of the Sun-rising.

Look how many minutes the Sun rises after 3, 4, 5, 6, 7, 8. So many he sets before 9, 8, 7, 6, 5, 4.

A Table of Annuities and Reversions.

What 1 pound to
be paid any num-
ber of years hence,
under 31, is worth
in ready money.

What 1^{lb} Annuity
to continue any time
under 31 years is
worth in ready mo-
ney at 6 per cent.

What 1 pound will
amount to at any
time under 31 year
reckoning Interest
upon Interest.

	sh.	d.	q.	lb.	sh.	d.	q.	lb.	sh.	d.	q.
1	18	10	2	0	18	10	2	1	1	2	2
2	17	9	2	1	16	8	0	1	2	5	2
3	16	9	2	2	13	5	2	1	3	9	3
4	15	10	0	3	9	3	2	1	5	3	0
5	14	11	1	4	4	3	0	1	6	9	0
6	14	1	1	4	12	4	1	1	8	4	2
7	13	3	2	5	11	7	3	1	10	0	3
8	12	6	2	6	4	2	1	1	11	10	2
9	11	10	0	6	16	0	1	1	13	9	2
10	11	2	0	7	7	2	1	1	15	9	3
11	10	6	2	7	17	8	3	1	17	11	2
12	9	11	1	8	7	8	0	2	0	3	0
13	9	4	2	8	17	0	2	2	2	7	3
14	8	10	0	9	5	10	3	2	5	2	3
15	8	4	0	9	14	3	0	2	7	11	1
16	7	10	2	10	2	1	2	2	10	9	2
17	7	5	0	10	9	6	2	2	13	10	1
18	7	0	0	11	16	6	2	3	17	1	0
19	6	7	1	11	3	2	0	3	0	6	0
20	6	2	3	11	9	4	3	3	4	1	3
21	5	10	2	11	15	3	1	3	7	11	3
22	5	6	2	12	0	10	0	By this Table you may readily find the increase of any other sum for such a num- ber of years: for if it come to so much then such suppose 5 th will come to 5 times as much &c.			
23	5	2	3	12	6	0	3				
24	4	13	1	12	11	0	0				
25	4	7	2	12	15	8	0				
26	4	4	3	13	0	0	3				
27	4	1	3	13	4	2	2				
28	3	11	0	13	8	1	3				
29	3	9	1	13	11	9	2				
30	3	5	3	13	15	3	2				

The

Swallow 1700.

The use of the Tables.

THE first Table shewing the decrease of one Pound yearly at 6 per cent. may be used in buying Reversions, &c. As suppose a parcel of Land or House or the like, whose fee simple or real worth is 200^{lb}, and it be Mortgaged or Leased out for 20 years, then what is the Reversion thereof after that 20 years worth in ready Money? for answer, I look against 20 years and find that the Reversion of one Pound after 20 years is worth but 6th 2^d 3^q, then if 1^{lb} be worth 6th 2^d 3^q, 200^{lb} will be 200 times as much, which will be 62^{lb} 5th 10^d for the value of the reversion required.

The second Table may be used in buying of Leases, &c, as suppose I am to buy a Lease of 10^{lb} per annum, for 21 years, what ready money may I give at the rate of 6th per cent. per ann. for answer, I look against 21 years and find that 1^{lb} annuity to continue 21 years is worth in ready money 11^{lb} 15th 3^d 1^q, then I say if 1^{lb} annuity for 21 years be worth 11^{lb} 15th 3^d 1^q, then 10^{lb} annuity for the same time will be worth 10 times as much, which will be 117^{lb} 12th 8^d 2^q, for the value of the Lease required.

The third Table may be used in putting out money for a certain time at 6th per cent. per ann. as suppose 20^{lb} be let out for 7 years what will it amount to in that time, reckoning Interest upon Interest? For answer, I look against 7 years, and find that 1^{lb} will amount to in that time 1^{lb} 10th 0^d 3^q, then I say 20^{lb} will amount to 20 times as much, which will be 30^{lb} 1th 3^d.

The use of the following Table is plain and easie, for suppose I am to find Easter this present year 1700. having found the Golden Number 10, and Dominical Letter F at the bottom of the Table, I look under the Dominical Letter F at the top, and right against the Golden Number 10 at the left hand, and in the Common angle of meeting I find March 31 Easter Day.

Swallow 1700.

A Table shewing how to find Easter for ever
by the help of the Golden Number
and Dominical Letter.

G.N.	A	B	C	D	E	F	G
i	Apr. 9	10	11	12	6	7	8
ii	Mar. 26	27	28	29	30	31	apr. 1
iii	Apr. 16	17	18	19	20	14	15
iv	Apr. 9	3	4	5	6	7	8
v	Mar. 26	27	28	29	21	24	25
vi	Apr. 16	17	11	12	13	14	15
vii	Apr. 2	3	4	5	6	mar. 31	apr. 1
viii	Apr. 23	24	25	19	20	21	22
ix	Apr. 9	10	11	12	13	14	8
x	Apr. 2	3	mar. 28	29	30	31	apr. 1
xi	Apr. 16	17	18	19	20	21	22
xii	Apr. 9	10	11	5	6	7	8
xiii	Mar. 26	27	28	29	30	31	25
xiv	Apr. 16	17	18	19	13	14	15
xv	Apr. 2	3	4	5	5	7	8
xvi	Mar. 26	27	28	22	23	24	25
xvii	Apr. 16	10	11	12	13	14	15
xviii	Apr. 2	3	4	5	mar. 30	31	apr. 1
xix	Apr. 23	24	18	19	20	21	22

Year of our Lord	1698	1699	1700	1701	1702	1703	1704
------------------------	------	------	------	------	------	------	------

G.N.	8	9	10	11	12	13	14
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D. Le.	B	A	GF	E	D	C	BA
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The

The Names of the principal Fairs in England, as they have heretofore been set forth by others, and are now Corrected and continued for the common good.

January.

THE 5 day at Hicetford in Lancashire, the 6 day at Salisbury, Tuesday after at Melton-Mowbray, the Thursday after at Banbury: the third Tuesday in January at Potton: the 25 at Gravesend, Bristol, Churchinford, Northallerton in Yorkshire every Wednesday from Christmas till June.

February.

The 1 day at Bromley in Lancashire, the 2 at Reading in Berkshire, at Maidston, Bicklesworth, Bicklesfield, Bath, Lyn, Bugworth: the 6 day at Stafford for 6 days: the 14 at Oundle, Feversham: 24 at Henley upon Thames, Baldock: On Ashwednesday at Royston, Dunstable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter. The first Thursday in Lent at Banbury: the 26 at Stanford an Horse Fair.

March.

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, at Oakham: 12 at Alsome in Norfolk, Sudbury, Wooburn, Stamford, at Wye: 13 at Bodwin in Cornwall: 20 at Durham. Alesbury: Munday before our Lady day at Kendal, at Wisbich. 25 at Huntington, Northampton, Malder, Ashwell in Hartfordshire, Newcastle, Oney, S. Albans: Midlent Saturday at Saffron-Walden: Palm Sunday-eve at Wisbich, Worcester, Pomfret, on Goodfriday at Norwich, the Tuesday before Easter at Potton.

April.

Easter Munday at Oney in Bedfordshire, Gainsborough, Easter Tuesday at Daintry in Northamptonshire, Godmanchester, Schole in Norfolk, S. Edmunds-bury. On Wednesday at Wellingborough in Northamptonsh. On Friday

Swallow 1700

in the same week at Darby. On Saturday at Bicklesworth: 1 day at Hircain, at Rockford, Northfleet: 5 at Wallingford: 7 at Derby, 9 at Billingsworth, Bicklesworth: the 12 at Stabford, 23 at Ipswich, Harbin in Norfolk, Northampton, Sapfar in Hartfordshire, Charing, Hinningham, Tamworth, Bury in Lancashire. S^r Pombs in Cornwall, Amptill, Chichester, Engfield, Gilford, Bithops-Hatfield: the 25 at Buckingham, at Bourn in Lincoln. at Colebrook, Dunmow in Essex, Darby, Oakham in Rutlandshire: the 29 at Tenderden in Kent, Cleet. 30 at Beverly a week together.

May.

The 1 day at Swaffam, Haveril in Essex, Laytonbuzzard in Huntingdonshire, Rippon in Yorks. Reading, Maidstone, Chelmsford, Leicester, Litchfield, Loxfield in Suffolk, Stow, Stansted, Tuxford in the Clay, the 3 day at Elstow in Bedfordshire, Moneaton in Warwick. Thetford in Norfolk, Waldham Abby, Hinningham, Rochdale, Bramyard, the 6 at Almsbury, at Ashford, 7 at Newton in Lancashire, Beverly, Oxford, Bath: the 8 at Maidstone: the 11. 12. 13. at Applechaw, 19 at Rochester, Dunstable, Magfield in Suffolk. On Rogation Munday at Reach. On Ascension day at Thaxted, Beverly, Rippon, Sudminster, Bishopstratford, S. Neots, Wickham in Lancashire, Middlewich in Cheshire, Chappel-Frich in Darbish. On Whitsun-even at Skipton in Craven. On Whitsun-Munday at S. Ives, Rygate in Surry, Bicklesworth, Bradford, Agmunsham in Buckinghamsh. On Whitsun-Tuesday at Newmarket. On Wednesday at Roydon. Thursday at Oundle in Northampton. 26 at Lenham, 29 at Crainbrook.

June.

Trinity-even at Rowel, Kendal. On Corpus Christi day at Banbury, Bishopstratford, S. Neots, Coventry, Newbury. The 3 at Alesbury: 9 at Maidstone. 11 at Breme in Norfolk, Bardfield in Essex. 17 at Hadstock, 23 at S. Albans, Deerham in Norfolk, Shrewsbury, 24 at Halsen in Suffolk, Barnwel by Cambridge, Bedford, Colchester, Hartford.

Swallow 1700.

Hartford, Leicester, Rumford, Reading, Windsor, Halifax, York, Beverly, Haslingden, 26 at Bristol, Darby. 27 at Burton on Trent, Folfstone, 28 at S. Pombs in Cornw. 29 at Peterborough, Ashwel, Sudbury, Stebbing in Essex. Benington in Hertfordshire.

July.

The first Tuesday at Potton. The 1, 2, 3 days at Coalestone in Cheshire, 7 at Royston, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodstock. The 22 at Ickleton, Bicklesworth, Norwich, Colchester, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Eriſn, Ipswich, Stamford.

August.

The first day at Bedford, S. Neots, Dunstable, Feverſham, Wisbich, Bicklesworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Owndle: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggars-bush, Burtou. the 28 at Ashford, Daintry: the 29 at Halſon in Suffolk, Harlow-Bush in Essex, Watford.

September.

The first day at S. Giles in the Bush. On Thursday and Friday before the 8 day at Sandback in Cheshire, 7, 8, 9, 10 at Woodbury-hill in Dorsetshire, 7 at Ware, 8 at Huntington, Bury in Lancashire, Partney, Wakefield, Northampton, Sturbridge fair begins: The 11 at Woolpit in Suff. 14 at Rippon, Waltham-Abby, Chesterfield in Darbiſhire, Richmond: the 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Holden in Holderness, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Basingstoke, Markerdeeping, Shelford in Bedfordsh. Bishopstratford. Malden, Stow in Lincolnsh. S. Albans, Canterbury, Leicester, Newbury, Wiltchester, Weymer for 7 days: Thursday after at Banbury.

October.

October.

The 1 day at Salisbury, the 6 at Havent in Hampf. Maidstone, Coolidge, Gayworth by Lyn, S. Faiths by Norwich: the 8 at Bishopstratford, Harborough, 9 Gainsborough: the 13 at Winsor, Colchester, Gravelend, Hitchin, Royston: the Tuesday before S. Luke, at Potton: 18 at Ely, Bishop Hatfield, Barne, Banbury, Thrift, Burton, on Trent, Weilinborough: the 21 at Saffron Walden, Coventry: the 23 at Bickiesworth, 24. 25, 26. at Applechaw, 28 at Newmarket Hartford, Oxford, Difs, Wakefield, Stamford, Richdale, in Lancashire.

November.

The 1 day at Chelmsford, 2 at Epping, Kingston on Thames, Padamhasson in Suffolk, 6 at Newportpono, Bedford, Hartford, 11 at Ludden in Norfolk, Lenton in Nottinghamshire, Hempton, Fockingham, Bridgestock, Marlborough: the 17 at Spalding in Lincolnsh. Lincoln, Harlow, Hide, Northampton: the 19 at Horsham in Kent: the 20 at S. Edmundsbury, Ingerston in Essex, Heath, the 23 at Sandwich, the 30 at Baldock, Bareford, Kolingborough, Maidenhead, Warrington, Rochester, Wakefield, York.

December.

The first day at Tutbury: the 5 at Pluckley: the 9 at S. Neots, at Woodstock, Exeter, Spalding, Norwich in Cheshire, Seven-oak in Kent, Arundel, Grantham: the 7 at Sandhurst, the 8 at Northampton, Clitheral in Lancashire, Huntington, Leicester, at Malpas in Cheshire: the 29 at Canterbury, Salisbury.

Advertisements.

Blemons true Spirit of Scurvy-Grass, both plain and Golden, so long famous for the cure of the Scurvy, Gout, Dropfie, and several other Chronical Deseases, are still prepared by John Hooker and Partner, and sold by them at their house in Pauls Chaim near Doctors Commons. price 1 s. each Bottle.

Also the Grand Balsanick Pill, prepared chiefly for the Distempers of the Head and Stomach, made and sold by John Hooker at his house aforesaid. price 1 s. the Box.

F I N I S.